

# 2006 Engineering Conference Breakout Sessions

## 16. Maintenance Issues for Designers

**Track:** Design

**Presenters:** Maintenance

**Synopsis:** There are many ways to design roads and roadway features. This session will present issues to consider when selecting design alternatives.

**Time Required:** 50 minutes

## 18. Visualization Training

**Track:** Design

**Presenters:** Paul Wheeler

**Synopsis:** This session will show the benefits of using visualization. How visualization can aid the design process as well as assist with public understanding and input on projects.

**Time Required:** 50 minutes

## 23. Local Government MOI

**Track:** Design

**Presenters:** Katherine Cutler

**Synopsis:** A new Local Government Manual of Instruction was published recently at UDOT. This session will give a brief overview of the MOI.

**Time Required:** 50 minutes

## 37. Accessing System Level Pavement Condition Data using Oracle Discoverer

**Track:** System Planning/Programming

**Presenters:** Bill Lawrence, Russ Scovil

**Synopsis:** UDOT's planning statistics section collects pavement condition data on the state highway system. The pavement condition data includes Falling Weight Deflectometer, International Roughness Index, Rutting, Faulting, Distress and Skid, and is collected on a system level basis. This information is stored by route, location, region, etc. from 1997 ~ 2006, and is available for use.

During the session Bill and Russ will explain the different types of data collected, its frequency, location and use, and then show how to access and query the data using an oracle database tool called Discoverer Plus.

**Time Required:** 90 minutes (Internet Access)

## 52. AGC Roundtable

**Track:** Construction

**Presenters:** A panel of both UDOT and AGC representatives

**Synopsis:** A panel discussion regarding issues of mutual interest to the AGC and UDOT.

**Time Required:** 90 minutes

## 60. Asset Management – Planning, Strategy and Implementation

**Track:** ROW

**Presenters:** Jason Amadori

**Synopsis:** Public and private agencies face continuous challenges to accomplish more with less as increases in demand, regulatory requirements, infrastructure deterioration, and political and economic forces have significantly outpaced increases in capital and operating budgets. Many of these agencies are turning to Asset Management to cope with these challenges and improve business performance and effectiveness. This workshop will focus on several aspects of developing an asset management system that could help improve performance, reduce long-term costs, and maximize return on investment in infrastructure assets.

**Time Required:** 50 minutes

#### **64. Research Initiatives**

**Track:** Research

**Presenters:** Michael Fazio, Blaine Leonard, Ken Berg, Barry Sharp and Abdul Wakil

**Synopsis:** A session where the Research Division can present all the initiatives they are working on.

**Time Required:** 90 minutes

#### **71. Passing the ‘Headlines’ Test: Ethical Practices for Public Employees**

**Track:** Miscellaneous

**Presenters:** Jim Phillips and Jimmy Holfeltz

**Synopsis:** Ask yourself; does it pass the newspaper test? Almost daily around here, anymore, it’s hard to pick up a newspaper without finding a story sighting unethical behavior by a public employee. Too often highlighted are activities revolving around questionable procurement practices engaged in by state, city or local employees, not just elected officials.

Could you be headed for notoriety based on an up-coming newspaper article or column?  
Even though your job title isn’t Purchasing Agent or Buyer, are you at risk?

This session will discuss how to be aware of and avoid compromising situations in dealing with Suppliers who are vying for business with or who currently provide products or services to UDOT, even if you’re only on the fringe.

Issues to be addressed during this Session include:

Perceived Impropriety; including Beyond the Clock

Our Responsibility to the State and Public (our Constituents/Customers)

Conflict of Interest

Issues of Influence; External as well as Internal

Supplier Relationships

Reciprocity

Gifts and Gratuities; what they *really* are and the solicitation of or receipt thereof.

Applicable Laws

- Signs Auditors Look For

**Time Required:** 90 minutes